

PIKOVSKAYA, R.I.; RTSKHILADZE, M.G.

Certain characteristics of typho-paratyphoid and dysenteral bacteria isolated from patients treated with synthomycin. Zhur. mikrobiol. epid. i immun. 31 no.7:53-56 J1 '60. (MIRA 13:9)

1. Iz Instituta gigiyeny i saritarii Ministerstva zdravookhraneniya Gruzinskoy SSR.
(SALMONELLA) (SHIGELLA) (CHLOROMYCETIN)

Country : USSR
 Category : Microbiology. Antibiosis and Symbiosis. Antibiotics. F
 Abs. Jour : Ref Zhur-Biol., No 25, 1958, No 105702
 Author : Pikovskaya, R. I.; Frangulyan, I. S.; Rtakhiladze, S. I.
 Institut. :
 Title : Antibacterial Properties of Humus.
 Orig. Pub. : Zh. mikrobiol., epidemiol. i immunobiologii, 1956, No 2,
 28-31
 Abstract : Fifty one series of crude fluids were obtained from
 aqueous extracts of terra rossa which exerted an anti-
 bacterial effect in vitro on bacteria of the colon-typhoid
 group. The fluids are thermostable and withstand steri-
 lization at 120° and a pH of 3.9-4.5. The antibacterial
 substances found in the extracts come from humus.
 Fractionation of the fulvic acid fraction of humus made
 it possible to isolate the active part, which is distin-
 guished from the original crude substance by a number
 of properties, particularly, by the capacity of main-
 taining its activity in protein media. The acid and
 principally organic nature of the antibacterial substances

Card:

1/2

-24

RTSKHILADZE, S.I.
PIKOVSKAYA, R.I., kandidat biologicheskikh nauk; RTSKHILADZE, S.I., kandidat
meditsinskikh nauk; GELASHVILI, M.G., nauchny sotrudnik.

Autodisinfection properties of basic types of soil in the Georgian
SSR. Gig. i san. 21 no.1:15-20 Ja. '56 (MLRA 9:5)

1. Iz nauchno-issledovatel'skogo sanitarnogo instituta Ministerstva
zdravookhraneniya Gruzinskoy SSR.
(SOIL,

self-disinfection. of basic types of soil in Georgian SSR)

PIKOVSKAYA, R.I.; FRANGULYAN, I.S.; RTSKHILADZE, S.I.

Antibacterial characteristics of humus. Zhur. mikrobiol. epid. i immun.
27 no.2:28-31 F '56. (MLRA 9:5)

1. Iz Nauchno-issledovatel'skogo sanitarnogo instituta
Ministerstva zdravookhraneniya Gruzinskoy SSR.

(SOIL

humus, antibact. characteristics)

RTSKHILADZE, V.G.; ZVIAZADZE, G.N.

Sublimation of arsenic from arsenopyrite ores of Tsani formation and the condensation of its vapors. Soob. AN Gruz. 32 no.1:127-134 Apr 64 (MIRA 17:7)

1. Gruzinskiy metallurgicheskii institut. Predstavleno akademikom F.N. Tavazze.

ZVIADZDZE, G.N.; RTSKHILADZE, V.G.

Kinetics and mechanism of the termal dissociation of arsenopyrite.
Soob. AN Gruz. SSR 32 no. 1:125-132 0 '63. (MIRA 17:9)

1. Institut metallurgii, Tvilisi. Predstavleno akademikom F.N.Tavadze.

ZVIADADZE, G.N.; RTSKHILADZE, V.G.

Thermodynamics of arsenopyrite decomposition. Soob. AN Gruz.
SSR 33 no.1:175-181 Ja '64. (MIRA 17:7)

1. Institut metallurgii AN Gruzinskoy SSR, Tbilisi. Predstav-
leno akademikom F.N. Tavadze.

124-57-1-1108D

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p, 154 (USSR)

AUTHOR: Rtveladze, Sh. I.

TITLE: The Strength of Arches With Due Account for the Participation of the Superstructure Above the Arch (Soprotivleniye arki s uchedom uchastiya nadarochnogo stroyeniya)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Tbilissk. in-t inzh. zh. -d. transp. (Tbilisi Institute of Railroad Engineering), Tbilisi, 1956

ASSOCIATION: Tbilissk. in-t inzh. zh. -d. transp. (Tbilisi Institute of Railroad Engineering), Tbilisi

1. Arch bridges--Stability--Bibliography

Card 1/1

NOGAYDSELI, A. I.; RTVELIASHVILI, N. A.

α -Glycols of the vinylacetylene series. Part 1: Synthesis, hydrogenation and acetylenation of 3, 4-dimethyl-5-octyne-7-ene-3, 4-diol. Zhur. ob Khim. 34 no.6:1737-1741 Je '64.

(MIRA 1737)

1. Tbilisskiy gosudarstvennyy universitet.

RUAKAS, M. M.

RUAKAS, M. M.: "A study of new methods of treating the middle fraction of black-coal tar." Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov. Sverdlovsk, 1956. (DISSERTATION FOR THE DEGREE OF CANDIDATE IN TECHNICAL SCIENCE.)

So.: Knizhnaya Letopis', No. 25, 1956

RUANET, V.V.

Use of the "FU" universal fluoroscope in bacteriological work.
Lab. delo no.8:504-505 '65. (MIRA 18:9)

1. Sanitarno-epidemiologicheskoye upravleniye, Moskva.

RUMYANTOV, S. A.

Teoriia i praktika raboty operatsionnoi sstry (Theory and practice of the surgical nurse.)
Moskva, Medgiz, 1952. 192 p.

SO: Monthly List of Russian Accessions, Vol 6, No. 3, June 1953

~~RUMASST, V. Ya. I.~~, P. SHRO., MA., SOROKINA, M.I., CHEREDNICHENKO, A.F.
and SHALOVA, A.S.

Cytological changes of mycelium Act; lobisporus in cases of its lysis under the
influence of actinophages.

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RUANU, A; ALBU, S.

Let us not forget delivery dates.

P. 3 (CONSTRUCTORUL) (Bucharesti, Rumania) Vol. 2, No. 387 June 1957

33: Monthly Index of East European Accessions (MEAI) LC Vol. 7, No. 5. 1958

DORCA, N., dr.; BACIU, Tr., dr.; RUB, D., dr.

Value of the proteinogram in the diagnosis of latent rheumatism.
Med. intern. 13 no.12:1673-1678 D '61.

1. Lucrare efectuata in Clinica a II-a medicala Cluj, director:
prof. I. Goia.
(RHEUMATISM diagnosis) (BLOOD PROTEINS chemistry)

GOIA, I., prof.; DORCA, N., dr.; FLORESCU, I., dr.; CIURDARIU, P., dr.;
GHERMAN, G.; BACIU, T., dr.; RUB, D., dr.; DERMLA, Z., dr.;
SOPON, E.

The treatment of cerebral and peripheral atherosclerosis with vitamin
B 12. Med. intern. 14 no.10:1253-1262 0 '62.

1. Lucrare efectuata la Clinica a II-a medicala, I.M.F. Cluj (director:
prof. I. Goia).

(ARTERIOSCLEROSIS) (VITAMIN B 12)
(BLOOD CHOLESTEROL) (BLOOD PROTEINS) (BLOOD LIPIDS)
(LIPOPROTEINS)

From, I.

ROMANIA

GOIA, I., Professor; M.D., D.D.

Medical Clinic No II of the Institute of Medicine and Pharmacy
(Clinica a II-a Medicala, I.M.F.), Cluj - (For all)

Bucharest, Vinta Medicala, No 3, 1 Feb 63, pp 175-176.

"Observations in Connection with a Case of Aggranulocytosis."

(2)

GERNET, M.M., doktor tekhn.nauk, prof.; DIKIS, M.Ya., doktor tekhn.nauk, prof.; LUK'YANOV, V.V., doktor tekhn.nauk, prof. [deceased]; POPOV, V.I., doktor tekhn.nauk, prof.; SOKOLOV, A.Ya., doktor tekhn.nauk, prof.; SOKOLOV, V.I., doktor tekhn.nauk, prof.; SURKOV, V.D., doktor tekhn.nauk, prof.; BARANOVSKIY, N.V., kand.tekhn.nauk, dots.; BROYDO, B.Ye., kand.tekhn.nauk, dots.; BUZYKIN, N.A., kand.tekhn.nauk, dots.; GOROSHENKO, M.K., kand.tekhn.nauk, dots.; GORTINSKIY, V.V., kand.tekhn.nauk, dots.; GREBENYUK, S.M., kand.tekhn.nauk, dots.; GUS'KOV, K.P., kand.tekhn.nauk, dots.; DEMIDOV, A.R., kand.tekhn.nauk, dots.; ZHISLIN, Ya.M., kand.tekhn.nauk, dots.; KARPIN, Ye.B., kand.tekhn.nauk, dots.; KOSITSYN, I.A., kand. tekhn.nauk, dots. [deceased]; GEYSHTOR, V.S., kand.tekhn.nauk, dots.; MARSHALKIN, G.A., kand.tekhn.nauk, dots.; MOLDAVSKIY, G.Ye., kand.tekhn.nauk, dots.; ODESSKIY, D.A., kand. tekhn.nauk, dots.; PELEYEV, A.I., kand.tekhn.nauk, dots.; RUB, D.M., kand.tekhn.nauk, dots.; SKOBLO, D.I., kand.tekhn.nauk, dots.; SHUVALOV, V.N., kand.tekhn.nauk, dots.; KHMEL'NITSKAYA, A.Z., red.; SOKOLOVA, I.A., tekhn. red.

[Principles of the design and construction of machinery and apparatus for the food industries] Osnovy rascheta i konstruirovaniia mashin i apparatov pishchevykh proizvodstv. Moskva, Pishchepromizdat, 1960. 741 p. (MIRA 14:12)

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RUB, D. M., Cand Tech Sci -- (diss) "Study of oil-ex^{truding}pressing
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cation USSR, Mos Technological Inst of Food Industry), 140
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GLIGORE, V., conf.; LUCACIU, Ol., dr.; RUB, D., dr.; DIMITRESCU, I., dr.

Coronary manifestations in cervico-dorsal spondyloses. Med. intern.
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1. Lucrare efectuata la I.M.F. din Cluj.
(SPINAL DISEASES) (CORONARY DISEASE)

GOYA, I., BUKUR, N., DORKA, N., RUB, D. (Bukharest)

Interrelations of rheumatic arteritis, periarteritis nodosa
and rheumatic diseases; preliminary report. Klin.med. 36

no.10:68-75 0 '58

(MIRA 11:11)

(RHEUMATISM, compl.

arteritis, relation to periarteritis nodosa (Rus))

(ARTERITIS, etiol. & pathogen.

rheum., relation to periarteritis nodosa (Rus))

(PERIARTERITIS, NODOSA

relation to rheum. arteritis (Rus))

RUE, M.A.

Introducing the GAM-1 hydraulic abrasive machine for removing
burrs. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst.
nauch. i tekhn. inform. 18 no.10:49-50 0 '65. (MIRA 18:12)

RUB, M.G.

Significance of accessory minerals for solving some problems
in petrology and metallogeny. Sov. geol. 7 no.1:49-64 Ja '64.
(MIRA 17:6)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,
mineralologii i geokhimii AN SSSR.

RUB, M.G.; MAKEYEV, B.V.; SEREZHNIN, A.I.

Pare-earth minerals of acid lavas as one of the indicators of the metallogenetic specialization of igneous rock complexes.
Izv. AN SSSR. Ser. geol. 30 no. 7: 21-37 J1 '65.

(MIRA 18:7)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva.

RUB, M.G.; ONIKHIMOVSKIY, V.V.; MAKEYEV, B.V.

Petrogeochemical criteria of the relationship between mineralization and granitoids as exemplified by the Mya-Chanskiy region. Izv. AN SSSR. Ser.geol. 26 no.9:3-23 S '61.

(MIRA 14:8)

1. Institut geologii rudnykh mestorozhdeniy, petrografi, mineralogii i geokhimii AN SSSR, Moskva.

(Khabarovsk Territory--Petrology)

RUB, M.G.

Genetic connection between tin mineralization and subvolcanic rocks
as illustrated by the southern Maritime Territory. Izv. AN SSSR.
Ser.geol. 25 no.1:67-81 Ja '60. (MIRA 13:8)

1. Institut geologii rudnykh mestorozhdeniy petrografii,
mineralogii i geokhimii AN SSSR, Moskva.
(Maritime Territory--Tin ores)
(Maritime Territory--Rocks, Igneous)

RUB, M.G.; ZALISHCHAK, B.L.

Alkali intrusive rocks of the Maritime Territory. Izv. AN SSSR.
Ser. geol. 29 no.10:80-102 0 '64.

(MIRA 17:11)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva.

RUB, M. G.; MAKEYEV, B. V.; VASIL'YEVA, G. L.

Criteria of the consanguinity of intrusive, subvolcanic and effusive rocks as revealed by a study in the Myao-Chanskiy region. Izv. AN SSSR. Ser. geol. 29 no. 1:21-41 Ja '64. (MIRA 17:5)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva.

SHATALOV, Ye.T.; KOPTEV-DVORNIKOV, V.S.; RUB, M.G.; RODIONOV, D.A.;
SHIPULIN, F.K.; FAVORSKAYA, M.A.

[Criteria of the relationship between mineralization and
igneous activity as applied to the study of ore regions;
basic principles of metallogenetic studies and the plot-
ting of metallogenetic and forecasting maps of ore deposits]
Kriterii svyazi orudneniia s magmatizmom primenitel'no k
izucheniiu rudnykh raionov; osnovnye printsipy metallogeni-
cheskikh issledovaniia i sostavleniia metallogenicheskikh i
prognoznykh kart rudnykh raionov. Moskva, Nedra, 1965.
292 p. (MIRA 18:4)

KOPTEV-DVORNIKOV, V.S., doktor geol.-miner.nauk, otv. red.;
RUB, M.G., doktor geol.-miner. nauk, otv. red.;
VGLOCHKOVICH, K.L., red.

[Accessory minerals and elements as a criterium of the
comagmatic and metallogenetic specialization of magmatic
complexes] Aktsessornye mineraly i elementy kak kriterii
komagmatichnosti i metallogenicheskoi spetsializatsii
magmaticheskikh kompleksov. Moskva, Nauka, 1965. 189 p.
(MIRA 18:12)

1. Akademiya nauk SSSR. Institut geologii rudnykh mesto-
rozhdeniy, petrografii, mineralogii i geokhimii.

ABDULLAYEV, Kh.M., glavnyy red.; ANTROPOV, P.Ya., red.; AZIZBEKOV, Sh.A., akademik, red.; AFANAS'YEV, G.D., red.; BATALOV, A.B., doktor geol.-mineral.nauk, red.; BELYAYEVSKIY, N.A., doktor geol.-mineral.nauk, red.; KOPTEV-DVORNIKOV, V.S., doktor geol.-mineral.nauk; red.; KUZNETSOV, Yu.A., red.; MARFUNIN, A.S., kand.geol.-mineral.nauk, red.; NIKOLAYEV, V.A., red.; POLOVINKINA, Yu.I., doktor geol.-mineral.nauk, red.; RUB, M.G., doktor geol.-mineral.nauk, red.; SATPAYEV, K.I., akademik, red.; SEMENENKO, N.P., akademik, red.; KHAMRABAYEV, I.Kh., doktor geol.-mineral.nauk, red.; PANOVA, A.I., red.izd-va; KITAYENKO, L.G., red.izd-va; KALOSHINA, T.V., red.izd-va; IVANOVA, A.G., tekhn.red.

[Magmatic activity and its role in the formation of minerals] Magma-tizm i svyaz' s nim poleznykh iskopaemykh; trudy. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr, 1960. 782 p.

(Continued on next card)

(MIRA 13:11)

ABDULLAYEV, Kh.M.--- (continued) Card 2.

1. Vsesoyuznoye petrograficheskoye soveshchaniye. 2d, Tashkent.
2. Prezident Akademii nauk Uzbekskoy SSR (for Abdullayev).
3. Chleny-korrespondenty AN SSSR (for Abdullayev, Afanas'yev, Kuznetsov, Nikolayev).
4. AN Azerbaydzhanskoy SSR (for Azizbekov).
5. AN SSSR (for Satpayev).
6. AN Ukrainskoy SSR (for Semenenko).
7. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii Akademii nauk SSSR (for Afanas'yev, Marfunin, Rub).
8. Inst.geologii Akademii nauk Uzbekskoy SSR (for Batalov).
9. Laboratoriya geologii dokembriya Akademii nauk SSSR (for Nikolayev).
10. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut (for Polovinkina).
11. Institut geologii Akademii nauk Ukrainskoy SSR (for Semenenko).
(Mineralogy)

RUB, M. G. Doc Geol-Min Sci -- (diss) "Granitoids of the
Khankay Region and the ^{Basic Features} ~~Principal Traits~~ of Their Metalliferousness."
Mos, 1957. 40 pp with graphs, 20 cm. (Academy of Sciences USSR,
Inst of the Geology of Ore Deposits, Petrography, Mineralogy, and
Geochemistry), 125 copies (KL, 18-57, 94)

SOV-5-56-2-27/43

AUTHORS: Koptev-Dvornikov, V.S.; Negrey, Ye.V.; Rub, M.G.

TITLE: Data on the Distribution of Scattered Elements in the Granitoids of Kazakhstan (Nekotoryye dannyye o raspredelenii rasseyannykh elementov v granitoidakh Kazakhstana)

PERIODICAL: Byulleten' Moskovskogo obshchestva ispytateley prirody - Otdel geologicheskiiy, 1958, Nr 2, pp 151-152 (USSR)

ABSTRACT: The behavior of 16 additional elements has been studied in intrusive rocks of different-age complexes (Proterozoic - γ_1 , Ordovician - γ_2 , Lower Devonian - γ_3 , Middle Devonian - γ_4 , Early Hercynian - γ_5) of a region in Central Kazakhstan (Be, Sn, Mo, Zr, Ga, Pb, Cu, Zn, Co, Ni, Ti, Cr, V, Mn, Sr and Ba). The author gives a detailed description of the various elements and states that their irregular distribution is due to tendencies connected with differentiation and hybridity phenomena.

1. Geology---USSR 2. Rock---Chemical analysis 3. Minerals---Distribution 4. Geological time---Determination

Card 1/1

RUB, M. G.

"Granitoids of the Khankal District and the Essential Features of Their Property of Containing Metal."

dissertation defended for the degree of Doctor of Geological-Mineralogical Sciences, at the Inst. for Geology of Ore Deposits, Petrography, Mineralogy and Geochemistry. (Jan-Jul 1957)

Defense of Dissertations
Sect. of Geological-Geographical Sci.
Vest. AN SSSR, 1957, v. 27, N. 12, pp. 113-115)

KOPTEV-DVORNIKOV, V.S.; NEMIREY, Ye.V.; RUB, M.G.

Data on the distribution of trace elements in Kazakh granitoids.
Biol. MOIP. Otd. geol. 33 no.2:151-152. Mr-Apr '58. (MIRA 11:10)
(Kazakhstan--Granite)

RUB, Mariya Grigor'yevna; AFANAS'YEV, G.D., otv, red; KUN, N.R., red.izd.-va;
ASTROV, R.V., red.izd.-va; NOVICHKOVA, N.D., tekhn.red.

[Granitoids in the Khankay region and their basic metalliferous characteristics] Granitoidy Prikhankaiskogo raiona i osnovnye cherty ikh metallonosti. Moskva, Izd-vo Akad.nauk SSSR 1960. 358 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii Trudy, no.33). (MIRA 13:7)

1. Chlen-korrespondent AN SSSR (for Afanas'yev).
(Soviet Far East--Granite)

15-57-4-4449

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4,
p 60 (USSR)

AUTHOR: Rub, M. G.

TITLE: Granites of the Grodekovo and Mar'yanovka Intrusive
Complexes in Southern Primor'ye and the Principal
Features of Their Metallization (Granity grodekovskogo
i mar'yanovskogo intruzivnykh kompleksov v yuzhnom
Primor'ye i osnovnyye cherty ikh metallonosnosti)

PERIODICAL: Tr. In-ta geol. rud. mestorozhd. petogr., mineralogii
i geokhimii, 1956, Nr 3, pp 114-187.

ABSTRACT: Granites of the Grodekovo intrusive complex are wide-
spread in southern Primor'ye, especially within the
western part of the Khanka structural massif. This
complex contains coarse-grained biotite granites and
hybrid rocks (granodiorites, quartz diorites, diorites,
syenites, monzonites, etc.) forming large masses,
alaskites, tourmaline-bearing granites, and numerous

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15-57-4-4449

Granites of the Grodekovo and Mar'yanovka Intrusive (Cont.)

dikes of acid, intermediate, and basic rocks. In addition, the Grodekovo complex includes the medium-grained porphyritic Voznesenka granites, which form a number of small masses. They may possibly be satellites of the Grodekovo mass. The Grodekovo coarse-grained biotite granites are characterized by a predominance of potassium feldspar over plagioclase, by a small quantity of dark minerals, by widespread albitization, by a high content of alkalies, by a predominance of K over Na, and by a marked oversaturation of Al_2O_3 . The author notes the presence of Be, B, F, and Sn as element impurities. The Voznesenka granites, in general similar in composition to the Grodekovo granites, differ in a higher content of Be, B, F, Sn, and Li and in more extensive greisenization, up to the formation of typical greisen. Rare-metal and fluorite mineralization in the region is related genetically only to the Voznesenka granites and their derivatives. Dike rocks, accompanying the Grodekova and Voznesenka granites, include acid, intermediate, and basic rocks belonging to two stages. The first stage embraces dikes of biotite granites, aplites, granite porphyries, and, locally, pegmatites. The geological and petrochemical features of these

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15-57-4-4449

Granites of the Grodekovo and Mar'yanovka Intrusive (Cont.)

rocks indicate an unquestionable genetic relationship with the Voznesenka granites. All the dikes of this first stage are pre-ore; they have suffered greisenization similar to the granites. The dikes of the second stage, diorites and diabase porphyrites, are intra-ore features and are paragenetically related only to the Voznesenka granites. The age of the Grodekovo intrusive complex, on the basis of new geological data and the determination of absolute age (213 to 247 million years), is upper Paleozoic. The granites of the Mar'yanovka intrusive complex, which is situated within the Daubikhinskaya synclinal zone (zone), include granites, medium-grained biotite granites, and granite porphyries. Gradual transitions between these varieties of rocks lead one to consider them facies of a single intrusion. Dike rocks, accompanying the Mar'yanovka intrusive complex, include fine-grained biotite granites, aplites, pegmatites, and quartz-diorite porphyrites. The Mar'yanovka granites are distinguished from the Grodekovo by more SiO_2 , more acidic composition of the plagioclase, by a considerable quantity of orthite, by other groups of the leading accessory elements (Yt, Nb, La), by weakly

Card 3/4

15-57-4-4449

Granites of the Grodekovo and Mar'yanovka Intrusive (Cont.)

defined greisenization, and by a lower content of Ba in the feldspars (in comparison with the Grodekovo and Voznesenka granites). The presence of miarolitic cavities containing cassiterite, the invariable presence of Sn in all varieties of the Mar'yanovka granites, and the presence of quartz and quartz-tourmaline veinlets with cassiterite furnish grounds for considering the tin mineralization of the region to be genetically associated with the Mar'yanovka granites. These granites break across fossiliferous Upper Triassic deposits, and their age is provisionally considered to be Cretaceous. The paper contains numerous tables, showing the chemical composition of the granites and of the minerals, the quantitative mineral composition of the rocks, and the concentrates obtained in prospecting. Data are also supplied on spectral analyses of the rocks and on individual minerals (including accessories).

Card 4/4

O. V. B.

KOPTEV-DVORNIKOV, V.S., doktor geol.-miner. nauk, red.; RUB, M.G.,
doktor geol.-miner. nauk, red.

[Metallogenetic specialization of igneous complexes] Me-
tallogenicheskaiia spetsializatsiia magnaticheskikh kom-
pleksov. Moskva, Nedra, 1964. 390 p. (MIRA 18:2)

RUB, M.G.; ONIKHIMOVSKIY, V.V.; BAKULIN, Yu.I.; GLAVATSKAYA, V.N.;
KOSHMAN, P.N.; MAKEYEV, B.V.; RASTUNTSEV, A.P.; SELEZNEV, P.N.;
TERENTENKO, N.A.; YANONIS, V.V.; KOPTEV-DVORNIKOV, V.S., otv.red.;
ANDREYEV, Yu.K., red.izd-va; GOLUB', S.P., tekhn.red.

[Granitoids of the Myao-Chansk region and postmagmatic formations
associated with them] Granitoidy Miao-Chanskogo raiona i svyazannyye
s nimi postmagmaticheskie obrazovaniya. Moskva, Izd-vo Akad.nauk
SSSR, 1962. 168 p. (Akademiya nauk SSSR. Institut geologii
rudnykh mestorozhdenii petrografii, mineralogii i geokhimii.
Trudy, no.62). (MIRA 15:8)

(Kharbarovsk Territory—Granite)

RUB, M.G.; LEVITSKIY, V.V.

Petrochemical characteristics of the Koksharovka massif of ultrabasic and alkali rocks and postmagmatic formations associated with them. Trudy IGEM no.76:99-124 '62. (MIRA 15:9)
(Ulukhe Valley--Mineralogical chemistry)

RUB, M.G.

Regular pattern of upper-Paleozoic granitoid formation in the southwestern Maritime Territory in connection with mineralization.

Trudy IGEM no.21:134-149 ' 58.

(MIRA 12:1)

(Maritime Territory--Geology, Stratigraphic)

(Rocks, Igneous)

AUTHORS: Khamrabayev, I.Kh. and Rub, M.G. SOV-11-58-10-12/12

TITLE: The Second All-Union Petrographic Conference (Vtoroye vsesoyuznoye petrograficheskoye soveshchaniye)

PERIODICAL: Izvestiya Akademii nauk, SSSR, Seriya geologicheskaya, 1958, Nr 10, pp 124 - 128 (USSR)

ABSTRACT: The above-mentioned conference took place in Tashkent from 19 to 23 May 1958. Over 1,000 representatives of over 100 geological organizations and vuzes took part in the conference. Scientists from China, Poland, East Germany, Rumania and Bulgaria also attended. The conference was opened by the president of the AS of the UzbekSSR Kh.M. Abdullayev. The Minister of Geology and Conservation of Mineral Resources of USSR P.Ya. Antropov reported on the extent of knowledge of the territory of the USSR, and on problems of petrology. Lectures were given at plenary sessions by Academician S.T. Dmitrov (Bulgaria), K. Smulikowski (Poland), Prof. Kautsh (E.Germany), Academician D.S. Korzhinskiy, Corresponding Members G.D. Afanas'yev, Yu.A. Kuznetsov, N.A. Yelisseyev and others. The majority of lectures and reports were concerned with the definition of regularities of manifestation of magmatism in various regions of the Union, and peculiarities of their metallogeny. Yu.A. Kuznetsov and Yu.M. Sheynman reported on

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The Second All-Union Petrographic Conference

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general questions in the development of magmatism. The problem of genetic connection of endogenous mineralization with magmatism was the theme of many reports, among them a collective report by the scientific collaborators of the Institute of Geology of Ore Deposits, Petrography, Mineralogy and Geochemistry of the AS USSR V.S. Koptev-Dvornikov, O.S. Polkvaya, M.G. Rub, I.Ye. Smorchkov and F.K. Shipulin and also the reports by Ye.A. Radkevich, I.G. Magak'yan and S.S. Mkrtchyan (Institute of Geology of the AS of Armenian SSR) and by M.P. Materikov (VIMS). G.S. Dzotsenidze, M.A. Kashkay, Sh.A. Azizbekov, M.A. Favorskaya and A.M. Kalik reported on the problem of the correlation of ore-bearing with effusive formations. A.P. Lebedev and G.G. Moor reported on the magmatic formations of the plateau regions. O.A. Vorob'yeva, V.K. Monich and G.P. Bagdasaryan reported on peculiarities of manifestations of alkaline magmatism in certain regions. The physico-chemical trend in the study of magmatic and post-magmatic formations was represented in reports by D.S. Korzhinskiy, V.A. Maslennikov and I.G. Govorov. The problem of genesis, the distribution of metamorphic rocks and their classification were the themes of reports by the Ukrainian geo-

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The Second All-Union Petrographic Conference

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logists N.P. Semenenko, Ya.N. Belevtsev and S.P. Rodionov.- B.V. Zalesskiy, B.P. Belikov and Yu.A. Rozanov reported on physical, chemical and mechanical properties of rocks and on methods of their study. N.I. Khitarov reported on "Problems of Petrogenesis in the Light of Experimental Data", and G.D. Afanas'yev reported on "Some Data on the State of the Study of the Absolute Age of Rocks and Their Geological Importance". Finally a resolution was adopted in which the conference, after having enumerated the achievements of Soviet petrographers, complained about the shortage of laboratories for petrographers and stressed the importance of the further study of magmatic processes.

1. Geology--USSR

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USCOMN-DC-55822

RUB, M.G.; MAKEYEV, B.V.

Manifestation of the metasomatic zoning near veins of the quartz-tourmaline composition as revealed by the Miao-Chang region.
Geol.rud.mestorozh. no.6:59-57 N-D '61. (MIRA 14:12)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralologii i geokhimi AN SSSR.
(Miao-Chang Region--Ore deposits)

RUB, M.G.

Intrusive alkali rocks in the Maritime Territory. Izv. AN SSSR. Ser.
geol. 25 no.12:63-79 D '60. (MIRA 13:11)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineral-
ogii i geokhimii AN SSSR, Moskva.

(Maritime Territory--Rocks, Igneous)

RUB, M.G.

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Granites of the Grodekovo and Mar'yamovo intrusive complexes in the southern Maritime Territory and their fundamental metalliferous features. M. G. Rub. Trudy Inst. Geol. Rudnykh Mesistovshch. ~~Estreaf.~~ Mineralog. i Geokhim. 1956, No. 3, 114-87. Many rock analyses are given. Gladys S. Macy

HW
MT

RUB, M. G.

Effect of surrounding medium on formation of intrusive rocks and postmagmatic formations in the Kharko region. M. G. Rub (Inst. Geol. Ore Deposits, Petrogr. Minerals and Geochem., Acad. Sci. U.S.S.R., Moscow). *Izv. Akad. Nauk S.S.S.R., Ser. Geol.* 1957, No. 3, 42-62. — A description is given of hybridism in the formation of complex multiphase intrusions. R. reports his ideas concerning the influence of surrounding rocks on formation of postmagmatic deposits. Tables give the following data: (1) quant. content of chief minerals of hybrid rocks of the primary phase of the Grodekovo intrusive complex; (2) chem. analyses of hybrid rocks of primary phase of the complex; (3) chem. analyses of limestones and micaceous-fluorite ores; and (4) chem. analyses of muscovites and calcis. of formulas. Variation diagrams are given. 13 references.

Gladys S. Macy

MT

RUB, M.G..

Principal features of ore-bearing possibilities of granites of the Grodekovo and Mar'yanovka intrusive complexes in the southern Maritime Territory. Trudy IGEM no.3:114-187 '56. (MIRA 10:1)
(Maritime Territory--Granite) (Maritime Territory--Ore deposits)

Rub M.G.

Petrochemical criteria of the relation of mineralization to intrusions. M. G. Rub (Inst. Geol., Ore Deposits, Petrography, Mineralogy and Geochem., Acad. Sci. U.S.S.R., Moscow). *Izv. Akad. Nauk S.S.S.R., Ser. Geol.* 1956, No. 4, 21-41. — A consideration of petrochem. criteria of relation of rare-metal and fluorite mineralization to granites and their derivs. Among data presented are results of spectral analyses of some biotites, micas, cassiterites, and granites. Results of chem. analyses for F and B of granites of different intrusive phases are given. Gladys S. Macy

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RUB, M.G.

Greisens in the southwestern Marine Territory and their genesis.
Trudy IGEM no.5:97-163 '57. (MIRA 10:12)
(Marine Territory--Greisen)

RUB, Mariya Grigoryevna -- awarded sci degree of Doc Geologic-Mineralogical Sci for the 23 May 57 defense of dissertation: "Granitoids of the Khanka [Prikhankayskiy] region and the principal features of their metal content [metallonosnost]" at the Council, Inst of Geol of Ore Deposits, Petrography, Mineralogy and Geochemistry, AS, USSR; Prot No 9, 19 Apr 58.

(BMVO, 10-58,14)

RUB, M.G.

15-1957-7-9271

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,
pp 69-70 (USSR)

AUTHOR: Rub, M. G.

TITLE: Relationship Between Dike Rocks and Ore Mineralization
in the Southwestern Part of Primorskiy Kray (Vazaimno-
otnosheniye zhil'nykh porod s orudneniyem b yugo-za-
padnoy chasti Primorskogo kraya)

PERIODICAL: Sov. geologiya, vol 51, 1956, pp 142-165

ABSTRACT: Upper Paleozoic granites occur in the southwestern
part of Primorskiy Kray, accompanied by large quanti-
ties of varied dike rocks both in the granite mass it-
self and in the surrounding contact zone. The great-
est number of dikes occurs within the ore field. The
dikes consist of acid rocks--fine-grained biotite
granites, porphyritic granites, aplites, granite por-
phyrites, and pegmatites--and of intermediate and
basic rocks--diabases and diorite porphyrites. All

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15-1957-7-9271

Relationship Between Dike Rocks and Ore Mineralization in the
Southwestern Part of Primorskiy Kray (Cont.)

and geochemical peculiarities of the dike rocks of each stage.

Com- ponent	Dikes of first stage						Dikes of second stage		
	1	2	3	4	5	6	7	8	9
SiO ₂	71.50	76.78	72.60	72.09	75.61	74.50	45.16	44.08	41.80
TiO ₂	0.14	0.07	tr.	0.11	0.10	0.16	1.02	0.89	0.81
Al ₂ O ₃	13.98	12.36	15.10	13.60	12.55	14.09	15.64	16.52	17.70
Fe ₂ O ₃	1.61	1.20	0.37	0.45	1.20	0.60	1.30	1.03	1.70
FeO	1.15	0.07	0.32	0.32	0.20	0.63	6.94	8.63	8.20
Mno	0.07	tr.	0.01	0.01	--	--	0.16	0.17	0.16

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15-1957-7-9271

Relationship Between Dike Rocks and Ore Mineralization in the
Southwestern Part of Primorskiy Kray (Cont.)

Mgo	0.25	0.17	0.14	0.23	0.27	0.05	7.79	9.63	7.35
CaO	0.75	0.19	0.55	0.95	1.40	0.00	10.36	8.13	11.36
Na ₂ O	3.21	3.27	4.35	3.02	2.83	2.41	2.43	1.15	1.70
K ₂ O	6.25	4.90	5.21	5.63	3.34	4.74	1.41	1.30	2.21
H ₂ O-	0.23	0.12	0.12	0.27	--	--	1.14	0.48	0.54
H ₂ O+	0.36	0.35	0.48	0.64	0.14	0.36	--	3.85	2.82
P ₂ O ₅	0.03	0.10	0.09	0.05	0.07	0.02	0.13	undet	undet
B ₂ O ₃	0.02	tr.	0.05	tr.	none	0.11	undet	undet	undet

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15-1957-7-9271

Relationship Between Dike Rocks and Ore Mineralization in the
Southwestern Part of Primorskiy Kray (Cont.)

F	0.09	0.02	0.35	0.28	1.76	0.61	1.46	0.14	undet
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Total	99.64	99.60	99.76	99.65	99.47	99.83	99.42	99.95	100.10
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1) Fine-grained biotite granite; 2) aplite; 3-6) granite
porphyry; 6-9) diabase porphyrite.

Card 5/5

O. V. Bryzgalin

RUB, M.G.

Interrelation of veins and mineralization of ore in the southwestern
region of the Maritime Territory. Sov. geol. no.51:142-165 '56.
(Maritime Territory--Ore deposits) (MLRA 10:4)

RUB, M.G.

Effect of wall rock on the formation of intrusive rocks and post-magmatic formations in Khankay District. Izv.AN SSSR.Ser.geol. 22 no.3:48-62 Mr '57. (MLRA 10:5)

1.Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii, AN SSSR, Moskva.

(Khankay District--Rocks, Igneous)

RUB, M.G.

Petrochemical criteria of the relation between mineralization and intrusions. Izv.AN SSSR.Ser.geol. 21 no.4:21-41 Ap '56.(MLRA 9:8)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralologii i geokhimii AN SSSR, Moskva.

(Ore deposits) (Rocks, Igneous)

GOTMAN, Ya.D.; RUB, M.G.

Comparative characteristics of tin-bearing granitoids of different age in southern Maritime Territory and certain other tin-bearing regions. Sov. geol. 3 no.2:48-56 F '60. (MIRA 13:11)

1. Vsesoyuznyy institut mineral'nogo syr'ya i Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii.
(Maritime Territory—Tin ores)

S/011/60/000/001/001/002
A105/A129

AUTHOR: Rub, M.G.

TITLE: On the genetic association of stannic mineralization with subvulcanic ores (based on the example of the Southern Coastal Region, Soviet Far East)

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya geologicheskaya, no. 1, 1960, 67 - 81

TEXT: The author and colleagues have conducted a detailed study in the vicinity of the Daubikh river basin on a stock of felsites, quartzite and granite porphyry representing subvulcanic formations as an example of genetic association of stannic mineralization with the latter. The geologico-petrographic study of the felsites, quartzite porphyry and their lava breccia, special studies of the accessory minerals and admixture-elements of these ores and the establishment of their association with the rare-earth mineralization revealed the characteristic petrochemical features of these ores and proved the genetic association of the rare-earth mineralization with them and the subvulcanic nature of the formations. A comparison of the petrographic features of the subvulcanic ores with the Mar'-

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S/011/60/000/001/001/002
A105/A129

On the genetic association of....

tral part of the described stock. The granite-porphyries were found to consist mainly of quartzite, potassium feldspar and plagioclase and occasionally of some biotite. The structure of the main ore mass is microgranite, micropegmatic or aplite. Miarolite spaces of circular or lens shape are frequently noted in the described felsites, quartzite porphyries and granite porphyries (Figs. 2 and 5) filled with quartzite nodules, potassium feldspar, rarely albite, mixed with chlorite flakes. A roentgen-chemical analysis of the cassiterite separated from the felsite yielded the following results: Nb 1%, Ta 0.1%. A spectral analysis revealed: Be, Y traces, Nb average lines, Sc, Bi traces, W average lines, Cu very weak lines, Pb traces, Fe average lines, Ti weak lines, V traces. The geological position of the felsites and quartzite porphyries and the presence of lava-breccia in these and the characteristic features of the texture indicate that the former were formed at a shallow depth and belong to the subvulcanic fac-tion. The accessory minerals were studied in artificial concentrates obtained as a result of washing the ground ore, weighing 10 kg. The study of the petrochemi-cal characteristics of the ores was conducted by four complete silicate analyses of the felsites and granite-porphyries and one for the quartzite porphyry. The results of various chemical analyses for alkalinity were also used. Qualitative and semi-qualitative spectral analyses of the ores were conducted in order to de-

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On the genetic association of....

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termine the presence of the accessory elements, as well as spectral and roentgen-spectral analyses of different minerals (Table 2). From a comparison of the chemical analysis of the quartzite porphyry to the average type of ore along the Deli river, it was seen that the former is close to Alaskite differing from it just as the felsites by a sharply increased content of potassium oxide, and a sharp drop of the sodium and calcium oxides. The chemical analysis further revealed the resemblance of the felsites to the quartzite porphyries in their petrochemical characteristics. The latter differ from the granite-porphyries by a lesser content of the potassium oxide, greater content of sodium oxide, as well as ferric and ferrous oxide. It is pointed out that in almost all the samples of the felsite quartzite porphyries and granite-porphyries, there is usually a small amount of fluorine (from 0.01 to 0.16%). A further comparison of the chemical analyses of the above-mentioned ores to that of the Mar'yanovo granites showed that the former differ from the latter by a sharp increase in the potassium oxide content and by a correspondingly lower content of sodium, calcium and magnesium oxides, as well as ferric and ferrous oxides. A survey of the distribution of accessory elements in the ores under investigation led to the conclusion that the described felsites, quartzite porphyries and granite-porphyries contain relatively large amounts of accessory elements, the leading ones being: Be, Zr, Y, Nb,

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F, Sn, Ga, Pb, Cu and Mo. The leading accessory mineral of the described ores was found to be cassiterite, and the leading element tin (Table 3). A comparison of the spectral and x-ray-spectral analyses of the cassiterites in the felsites with that of the ores showed that they are present in both in addition to the general elements Be, Sc, Bi, W, and have certain outstanding characteristics. Certain major conclusions are derived from the material on hand: 1) During the upper-chalk period in the investigated region the intrusion of the tin-bearing granites took place, which, just as in other areas of the Coastal Region, are characterized by their Alaskite composition and enriched with potassium oxide. 2) In addition to previously described tin-bearing granites a subvulcanic tin-bearing formation was established here, which represented the result of further evolution of the ore-bearing magma to its concentration with potassium oxide and silica. 3) The similarity of the magmatic source of the intrusive and subvulcanic formations is confirmed by the similarity of the mineral composition, petrochemical features and the presence of the same admixture-elements. 4) Within the limits of the investigated area, it was proven that there is a genetic association between the stannic mineralization and the subvulcanic ores. The following facts prove this association to exist: the presence of miarolitic spaces in the felsites, the content of a higher temperature cassiterite than the one which is

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A105/A129

found in the later hydrothermal veins, close spacial connection of the felsites with the ores, etc. Similar relationships of stannic mineralization to subvulcanic ores were previously established outside the range of the investigated regions by N.N. Vasil'kova and A.G. Teremetskaya for the upper course of the Iman river and the basin of the River Kuntsukhe. There are 6 tables, 7 figures and 5 Soviet-bloc references.

ASSOCIATION: Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva (Institute of Geology of Ore Deposits, Petrography, Minerology and Geochemistry of the AS USSR, Moscow)

Card 6/12

SOSEDKO, Aleksandr Fedorovich. Prinsipali uchastiye: SOSEDKO, T.A.; KOSTYLEVA, Ye.Ye., doktor geologo-mineralog. nauk; RUB, M.G., red.; SOLOMATINA, Z.D., red. izd-va; IVANOVA, A.G., tekhn. red.

[Materials on the mineralogy and geochemistry of granitic pegmatites]
Materialy po mineralogii i geokhimii granitnykh pegmatitov. Moskva,
Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhtane nedr, 1961. 152 p.
(MIRA 14:10)

(Pegmatites)

FAVORSKAYA, M.A.; RUB, M.G.; KIGAY, V.A.; IZOKH, E.P.; GAPEYEVA, G.M.;
PREOBRAZHENSKAYA, G.K.; USTIYEV, Ye.K., doktor geol.-mineral.nauk,
otv.red.; ROZANOV, Yu.A., red.izd-va; UL'YANOVA, O.G., tekhn.red.

[Magmatic activity and metallogenic features of the Sikhote-Alin'
Range and the Lake Khanka region] Magmatizm Sikhote-Alinia i Prikan-
kalskogo raiona i ego metallogenicheskie osobennosti. Moskva, Izd-vo
Akad. nauk SSSR, 1961. 327 p. (Akademiia nauk SSSR. Institut geologii
rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy,
no.45). (MIRA 15:3)

(Sikhote-Alin' Range—Rocks, Igneous)
(Khanka Lake region—Rocks, Igneous)

RUBACH, M. A.

Ukraine - History

Fight to carry out the Lenin decree on land in Ukraine (November, 1917).
Visnyk AN URSR 22 No. 11, 1950.

Monthly List of Russian Accessions, Library of Congress, August, 1952.
Unclassified.

LIBERMAN, A.D., kand.tekhn.nauk; RUBACH, O.M., kand.tekhn.nauk

Experimental testing of prestressed supports for electric transmission lines. Bet. 1 zhel.-bet no.11:421-424 N 58. (MIRA 11:12)

(Electric lines--Poles) (Precast concrete construction)

SOV/124-57-3-3428

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 3, p 115 (USSR)

AUTHOR: Rubach, O. M.

TITLE: Flexure of Circular Plates Reinforced by Radial Ribs (Izgib kruglykh plastin, usilennykh radial'nymi rebrami)

PERIODICAL: Sb. tr. In-ta stroit. mekhan. AN UkrSSR, 1955, pp 132-147

ABSTRACT: A study is conducted on the axisymmetrical flexure of a circular plate reinforced on one side by closely-spaced radial ribs. In contrast to plates without reinforcing ribs it is assumed that the points of the middle plane of the plate are subjected not only to a deflection w_0 , but to a radial displacement u_0 as well. By assuming the strains to be small, the author draws up the general equations of the axisymmetrical flexure which, ultimately, are reduced to a system of two linear differential equations of the second order with variable coefficients, wherein the unknown coefficients are the displacement u_0 and the derivative of the deflection w_0 . These equations are readily integrated in the closed form, and their integrals can be expressed by elementary functions. General expressions are presented for the bending moments, shearing forces, and longitudinal forces. A more detailed

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SOV/124-57-3-3428

Flexure of Circular Plates Reinforced by Radial Ribs

study is made of the particular case of a plate supported along its edge and subjected to a concentrated bending force applied at the center. The solution of this case is carried through to numerical results and graphs. The theoretically-obtained results are compared with experimentally-obtained data. A photograph of the device used for conducting the experimental tests and a description of the procedure are given. Comparison of theoretical and experimental results reveals a sufficiently close agreement.

S. G. Lekhnitskiy

Card 2/2

RUBACH, O. M.

Rubach, O. M.--"Tension and Bend of Round Plates Reinforced by Radial Ribbing."
Cand Tech Sci, Inst of Construction Mechanics, Acad Sci
Ukrainian SSR, Kiev 1953. (Referativnyi Zhurnal--mekhanika
Jan 1954)

See: SSM 140, 24 July 1954

SOV/97-58-11-5/11

AUTHORS: Liberman, A.D. and Rubach, O.M. (Cand.Tech.Sci.)

TITLE: Experiments Carried out With Prestressed Reinforced Concrete
Pylons Carrying Electrical Grid (Eksperimental'noye
issledovaniye predvaritel'no napryazhennykh opor liniy
elektroperedachi).

PERIODICAL: Beton i Zhelezobeton, 1958, Nr.11, pp.421-424 (USSR)

ABSTRACT: Tests on 3 types of prestressed reinforced concrete pylons
were carried out by the Institute for Building Constructions
ASIA of the Ukrainian SSR (Institut stroitel'nykh konstruktsiy
ASIA USSR). The first type was of "I" section (I), the
second, lattice type (II) and the third perforated type (III).
The first two types were designed by the Planning Institute
Nr.2 of the Ministry for Building of RSFSR (Proyektnyy
institut Nr.2 Ministerstva stroitel'stva RSFSR). The cross-
section of the pylon at the top is 140 x 200 mm and at the
base 240 x 340 mm. The thickness of the web is 40 mm and
the width of the flange 50 mm. Pylons of rectangular
cross-section with oval perforations are concreted in one.
Pylons of rectangular cross-section with rectangular

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SOV/97-58-11-5/11

Experiments Carried out With Prestressed Reinforced Concrete Pylons
Carrying Electrical Grid.

perforations (II) are widely used but should be constructed sufficiently strongly to withstand handling. The accepted cross-section of 13 m. high pylons weighing approximately 1 t. is sufficient as far as strength and crack formation are concerned. The maximum deflection of the top of the pylon during testing under load was not bigger than 1/175 of its height. When reinforcement of standard profile is used the mark of the concrete could be as low as 300 if stresses in the concrete do not reach more than 120 - 130 kg/cm². Determination of stresses and deformations in pretensioned pylons during testing could be carried out by using methods of calculation for elastic bodies taking into account variations of the section. Pylons type (III) were found to be suitable for 6 - 10 kW grids and are recommended by the Gosstroy of the Ukrainian SSR. Fig.2 gives details of construction and method of cross-reinforcement. The necessity to investigate type (III) arose because of unsatisfactory results obtained during tests of type PI-2 (II). The tensioning of reinforcement was carried out up to 11 700 kg/cm², which was 0.65 of the limit stress.

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SOV/97-58-11-5/11

Experiments Carried out With Prestressed Reinforced Concrete Pylons
Carrying Electrical Grid.

Tests of the pylons were carried out horizontally under loading conditions which corresponded to the effect of a wind velocity of 25 m/sec. The testing stand consisted of 2 reinforced concrete supports fixed in the ground 2.1 m. apart, as illustrated in Fig.3. Deformation tests of concrete were also carried out. The deflections were taken from 4 points along the length of the pylon and the stresses in 3 points along the extreme fibres and in the position of the maximum bending moment. The loading test was carried out by load increasing in stages by 40 kg. Fig.4 shows diagrams of concentrated loading on the pylon and Fig.5 bending graph of 'I' section pylon. Fig.6 shows shear diagrams of the pylons under loading. Fig.7 shows detail of the collapse of pylon type (II). Technical and economical values of pylons 13 m. high are given in Table 1, and results of the tests made are given in Table 2. There are 7 figures and 2 tables.

Card 3/3

RUBACH, O.M.

~~CONFIDENTIAL~~
Bending of round plate with radial rib reinforcement. Sbor.trud.
Inst.stroi.mekh. AN URSR no.20:132-147 '55. (MLRA 8:7)
(Elastic plates and shells)

RUBACH, O.M. (Kiev); AGRANOVICH, V.M. (Kiev)

Stressed state of circular plates stiffened by radial ribs
[with summary in English]. Prikl. mekh. 3 no.1:38-50 '57. (MLRA 10:5)

1. Institut budivel'noi mekhaniki AN URSR.
(Elastic plates and shells)

LIBERMAN, Al'fred Davidovich; KORSHUNOV, Dmitriy Andreyevich;
RUBACH, Ol'ga Mikhaylovna; BELINSKIY, Igor' Alekseyevich;
~~KIYANICHENKO, N.S., red.~~; LEUSHCHENKO, N.A., tekhn. red.

[Large reinforced concrete structures in industrial construction] Krupnorazmernye zhalezobetonnye konstruktсии v promyshlennom stroitel'stve; iz opyta stroitel'stva mekhanosborozhnogo korpusa zavoda stankov-avtomatov im. Gor'kogo v Kieve. Kiev, Gos.izd-vo lit-ry po stroit. i arkhitekt. USSR, 1963. 49 p. (MIRA 16:9)
(Precast concrete construction)

RUBACH, W.

Classification of patent applications. Tr. from the German.

P. 14, (Sbirka Vynálezů) Vol. 6, No. 1, Jan. 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

RUBACHEV, G. N.

RUBACHEV, G. N. Multiple-operation section on a commercial basis in a petroleum enterprise. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1952. 82 p. (Opyt novatorov neftianikov) (53-16939)

HD9575.R82R78

RUBACHEV, G. N.

AID P - 275

Subject : USSR/Engineering

Card : 1/2

Authors : Rubachev, G. N., Lodzhevskiy, L. G. and Khananyan, M. M.

Title : Study, coordination, and dissemination of advanced methods of work on underground repair of oil wells

Periodical : Neft. Khoz., v. 32, #4, 1-4, Ap 1954

Abstract : The author describes the study and development of rational methods for underground repair work in oil wells as performed by the Central Scientific Research Institute for Mechanization and Organization of Labor in the Petroleum Industry (TsIMTNeft) and its branches. The experience and initiative of advanced brigades, shifts and individual innovators is considered in the promotion of the new methods for repair of oil wells. Essential material, tools and machines are assembled in regional oil fields for special crews trained in photo-chronometric methods of operation in accordance with a pre-planned schedule. The perfected method of repair work with Molchanov's automatic mechanism is specially

Neft. Khoz., v. 32, #4, 1-4, Ap 1954 (additional card)

AID P - 275

Card : 2/2

recommended for the following oil fields: United Azneft, Bashneft, Kuybyshevneft, Saratovneft, Krasnodarneft, Grozneft, Kazakhstanneft, Turkmenneft and Ukrneft.

Institution : Central Scientific Research Institute for Mechanization and Organization of Labor in the Petroleum Industry (TsIMTNeft)

Submitted : No date

RUBACHEV, G.N., FATKULLIN, M. Kh, SHANANYAN, M.M., PLINSINA, O.P.,

Advance* Experience in Application of Submerged Electric Pumps. (Series Experience in Introduction of New Techniques). Gostoptekhzdst, 1956, 52 p, price: rubles 1.25. Summary of experiment in organizing the work of advance shifts in underground overhaul of wells equipped with emersed electric pumps in the Tuimaza (?) trades. Analysis of basic technico-economic indices of the application of emersed electric pump in the trades of the Tuimazaneft' administration. Presentation of a project of an instruction map of advance methods of labor with drop-lift operations with emersed electric pumps. For foremen, operators, engineer-technicians.

So: A- 3030689

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So: A-3000689

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Neft.khoz.34 no.3:7-13 Mr '56. (MLRA 9:7)
(Boring) (Prospecting)

RUBACHEV, Georgiy Nikolayevich; KARYAGIN, I.D., redaktor; SAVINA, Z.A.,
vedushchiy redaktor; KHLEBNIKOVA, L.A., tekhnicheskii redaktor

[Technical and economic analysis of the work of the petroleum
industry] Tekhniko-ekonomicheskii analiz raboty neftiannogo pro-
mysla. Moskva, Gos.nauchno-tekhn.izd-vo nef. i gorno-toplivnoi
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(Oil fields--Production methods)

PHASE I BOOK EXPLOITATION 1161

Rubachev, Georgiy Nikolayevich

Tekhniko-ekonomicheskiy analiz raboty neftyanogo promysla (Technical and Economic Analysis of Oilfield Operations) Moscow, Gostop-tekhnizdat, 1957. 117 p. (Series: V pomoshch' ekonomicheskomu obrazovaniyu neftyanikov) 2,000 copies printed.

Ed.: Karyagin, I.D.; Exec. Ed.: Savina, Z.A.; Tech. Ed.: Khlebnikova, L.A.

PURPOSE: The book is intended for engineering and technical personnel employed at oil pools or in their management, as well as for students at petroleum institutes and tekhnikums.

COVERAGE: The book analyzes the existing methods of administering oil-fields. Particular attention is paid to the various economic aspects of the exploitation of individual oil-extracting pools. A thorough exposition of Soviet cost-accounting practices is given. The numerous examples quoted and the bookkeeping patterns discussed take advantage of the experience gained in the operation of some

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Technical and Economic Analysis (Cont.)

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outstanding oil pools in Eastern and Southwestern USSR. In evaluating the efficiency and up-to-dateness of the outstanding oil industry administrations, the author summarizes the main objectives that should be aimed at by the management of other oil pools. Appraisal of commercial values and estimation of costs and profits are demonstrated in a number of practical measures successfully tested at pilot enterprises. Numerous tables contained in the book give a thorough picture of the various technicalities involved in administering a profitable oil-extracting unit. There are 72 tables. No references are mentioned.

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Rubachev, Georgiy Nikolayevich

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